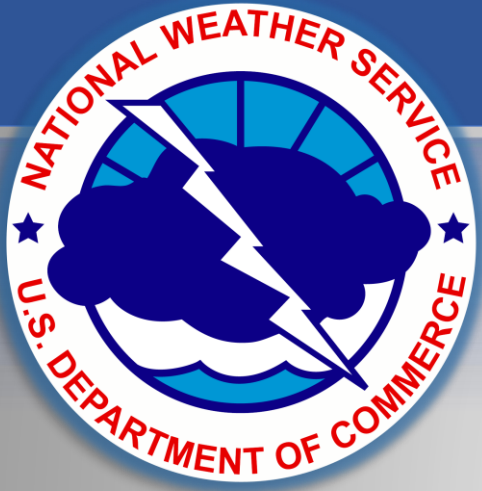


Decision Support Briefing

Southeast River Forecast Center



Decision Support Briefing

TS Nicole



Issued: 12:40 PM ET Thursday, November 10, 2022



Weather Ready Nation



NWSSERFC



@NWSSERFC

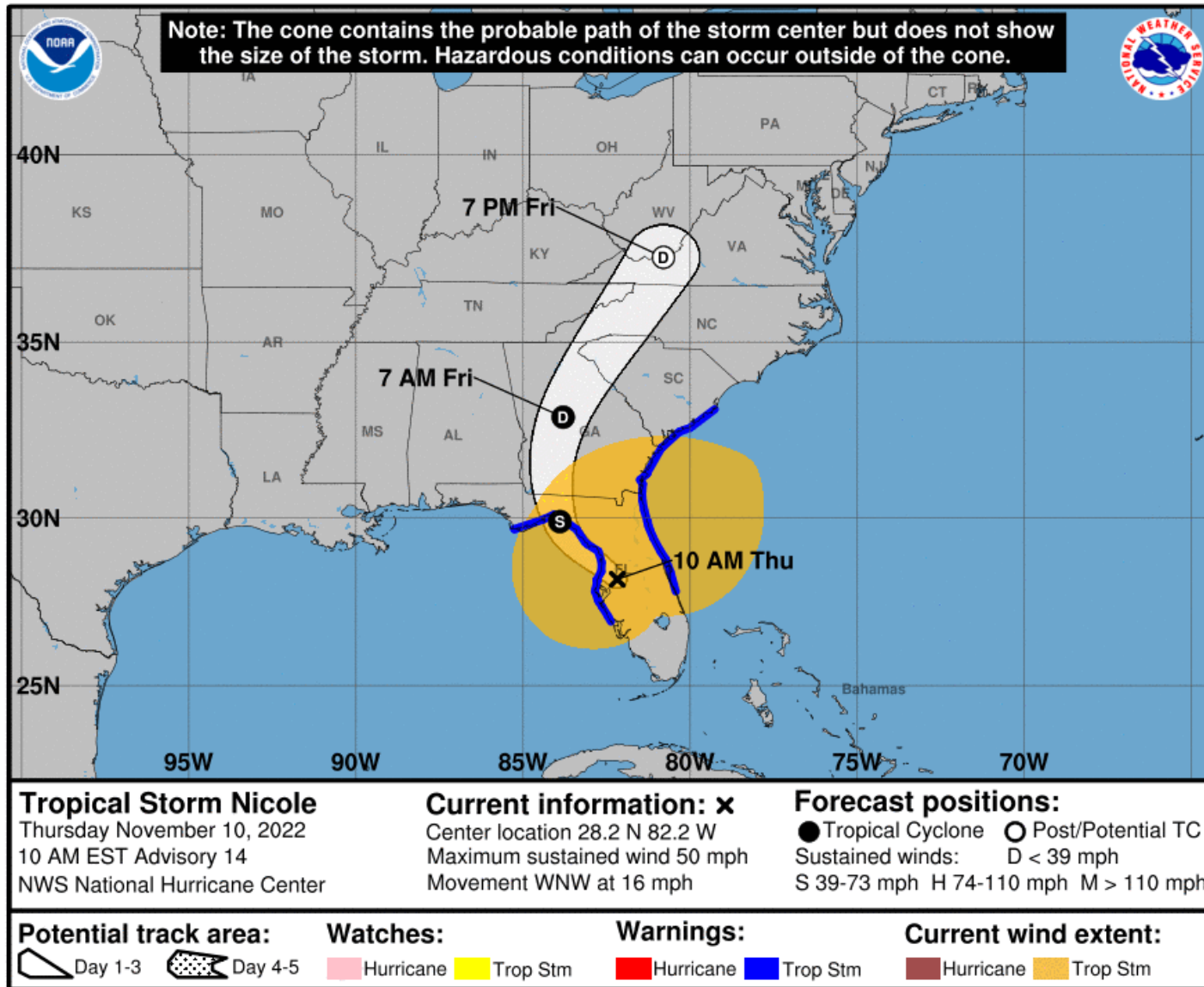


- **Tropical Storm Nicole has made landfall and is moving across the Florida peninsula. Nicole is forecast to hug the western Florida coast and then move through Georgia and up the Appalachians.**
- **The St. Johns River rose quickly this morning due to strong north and easterly winds. Levels will decrease or level off today before seeing a slow rise in the coming week.**
- **Mostly action stage rises in Central Florida around Tampa with an isolated flood as rain falls across the state.**

Tropical Storm Nicole

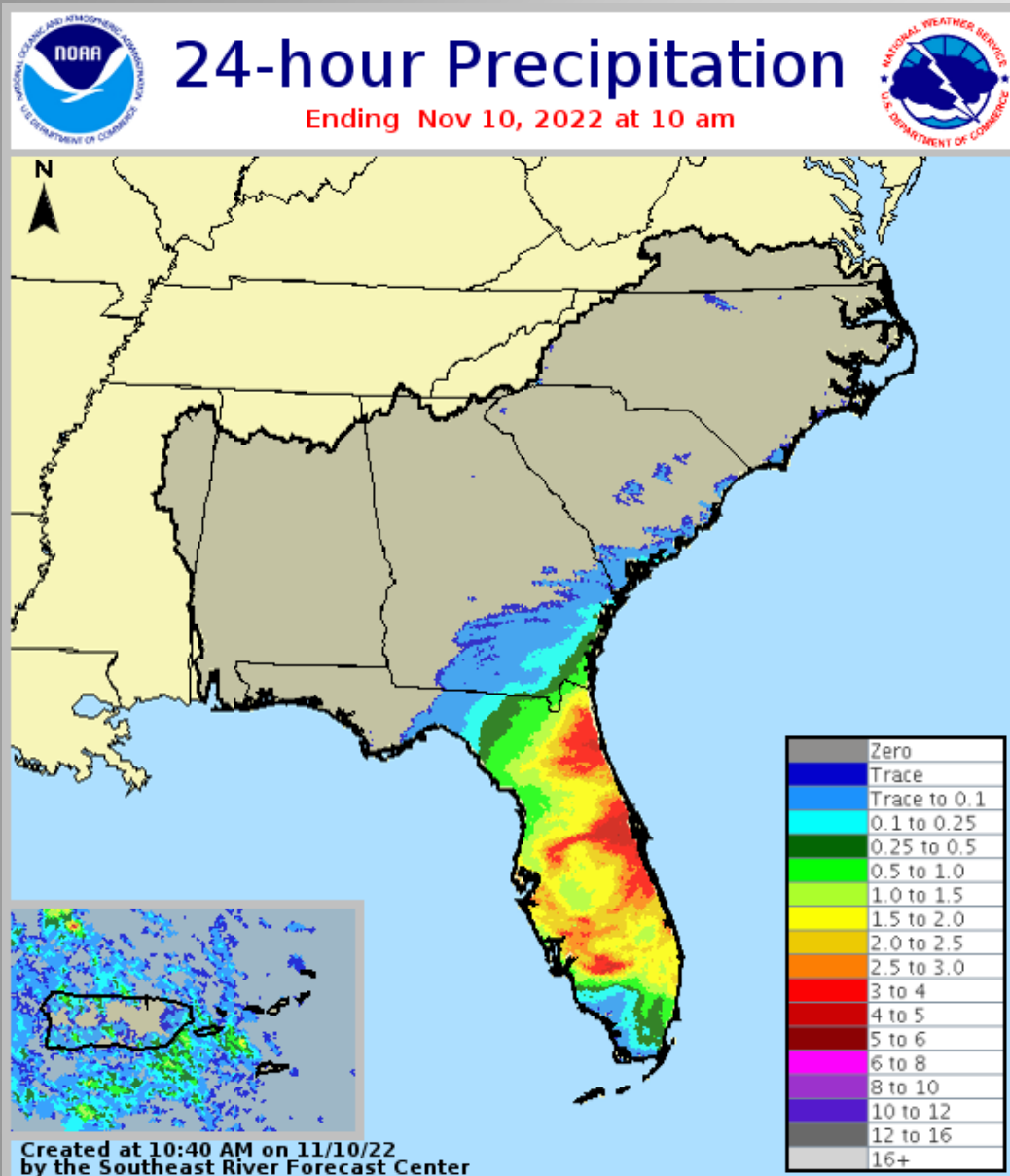
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Nicole is currently a tropical storm headed the Florida west coast. It looks like Nicole will move just offshore but hug the coast before it moves onshore in the panhandle

Once inland, the storm should weaken, move through Georgia and the Appalachian Mountains before it dissipates.



Here is the rainfall ending at 10 am EST this morning. Heavy rain in parts of Florida as Nicole moves inland and across the state.

Some totals of up to 5 to 6 inches have fallen in heavier areas of rain.

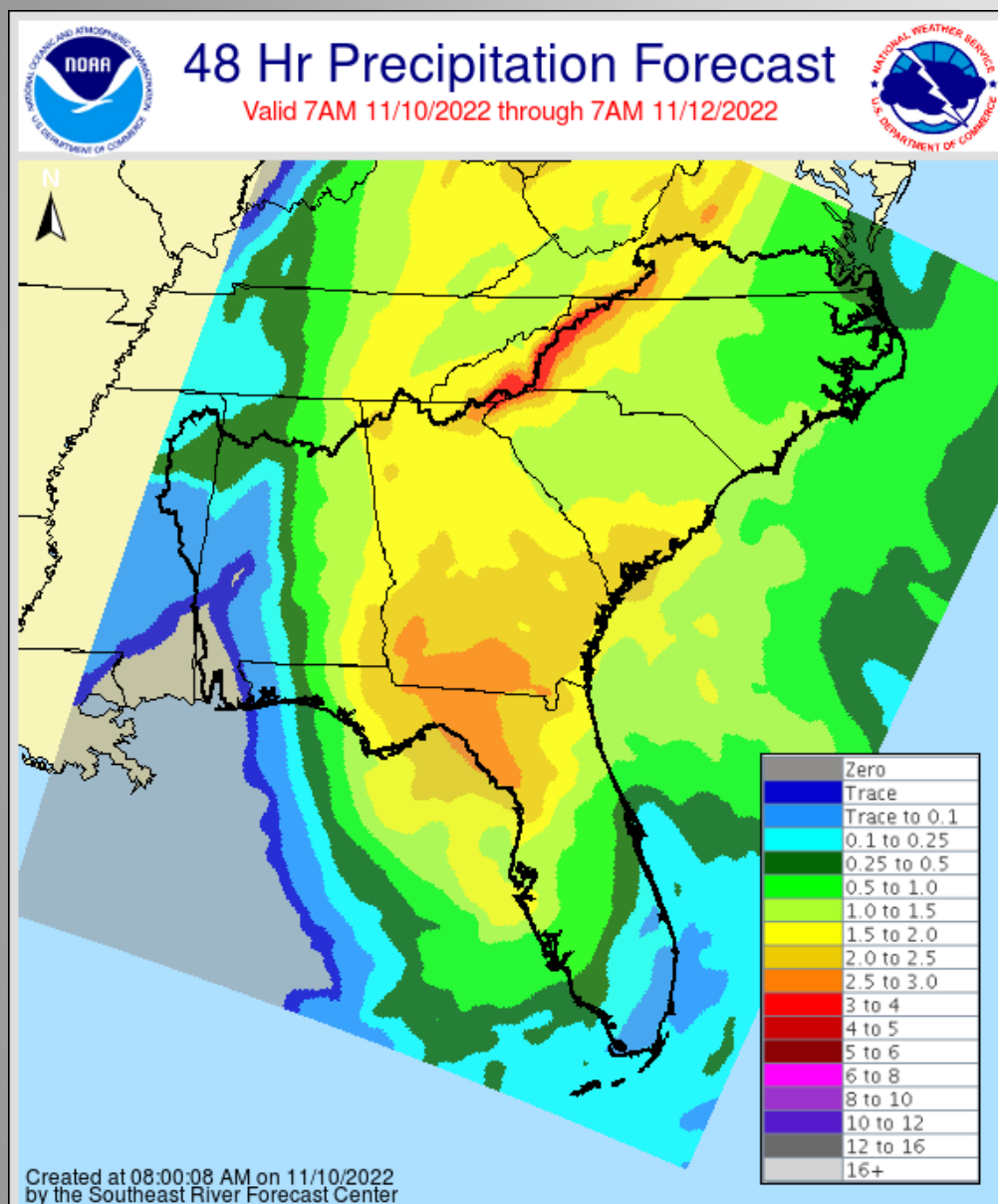
As Nicole moves off the west coast of Florida, rainfall will become less frequent and less intense over the areas in central Florida that were hit overnight and into this morning.

48-Hr Precipitation Forecast

This is the forecast used in our daily deterministic river forecast

Southeast River Forecast Center

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SERFC forecasts include a 48-hour rainfall forecast.

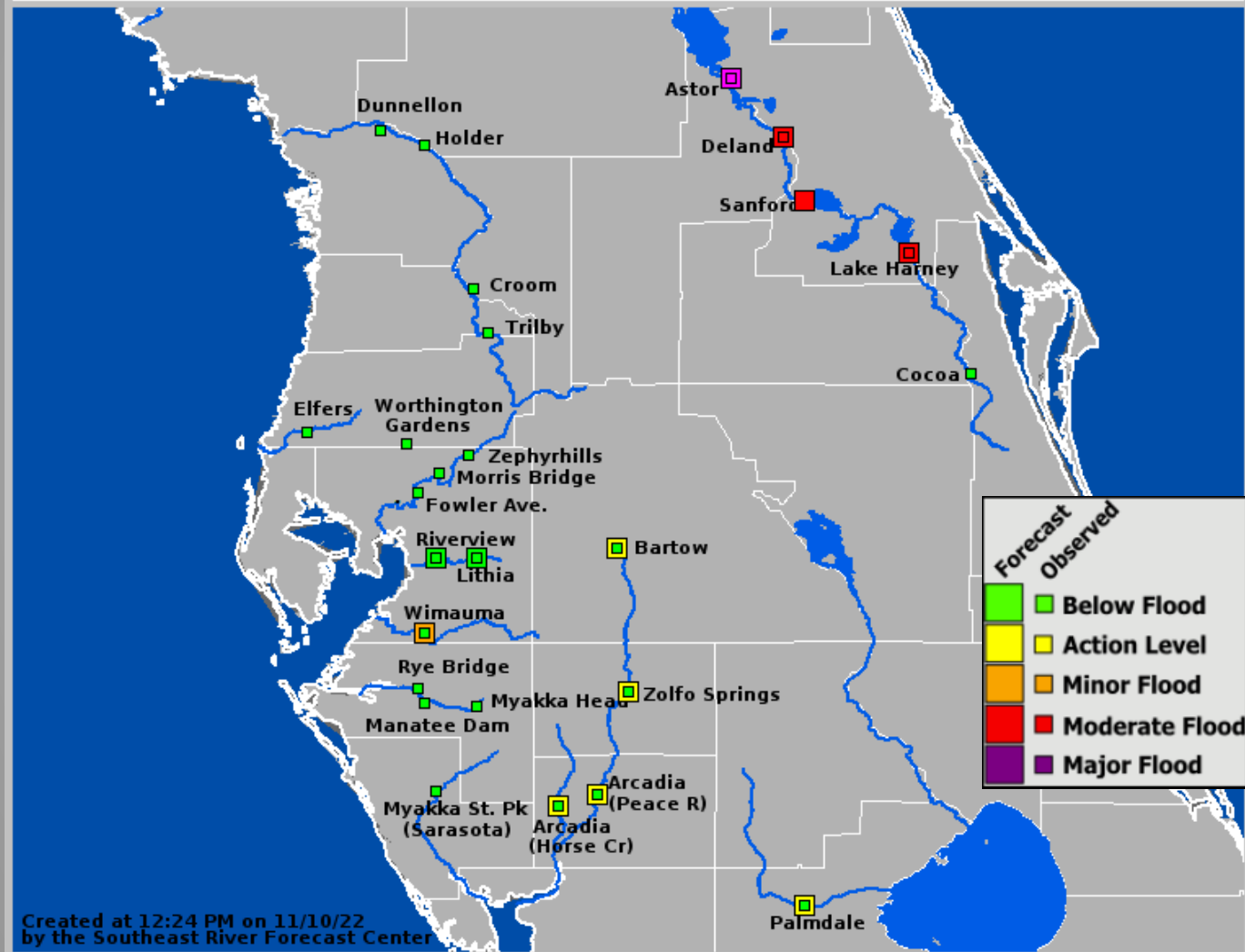
Here is the current precipitation forecast being used in the river forecasts today.

The heaviest rainfall will move out of Florida today and up through the southeast states today. Heaviest rain is expected in south Georgia and along the Appalachians.



Central Florida

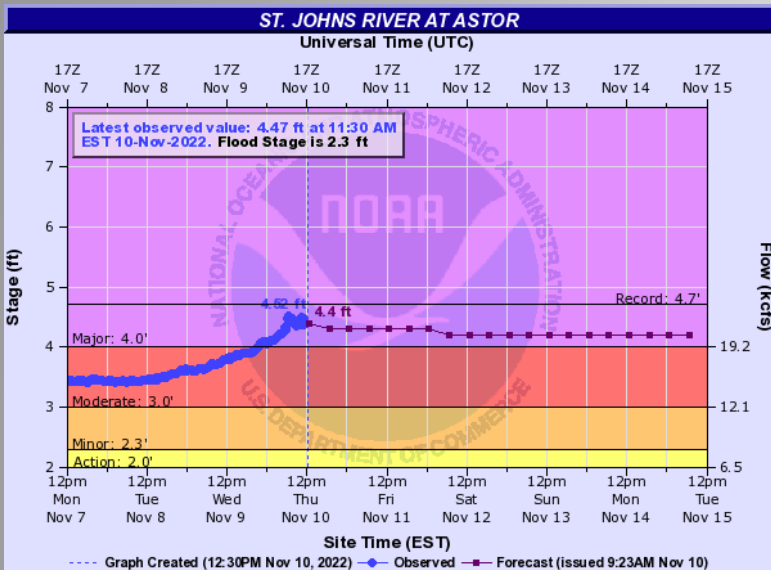
Valid: 11/10/2022 @ 12:24 PM



Here is the current SERFC river forecasts using past rainfall and the 48-hour forecast previously mentioned.

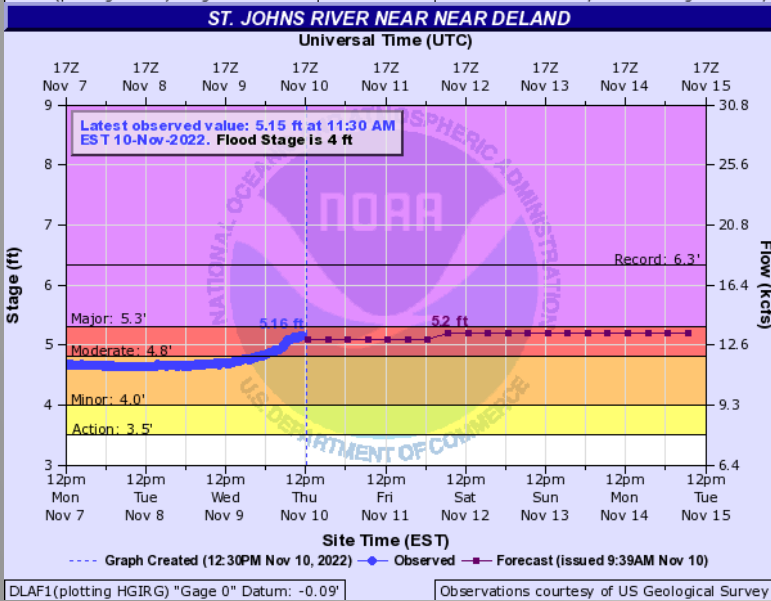
The St. Johns River remains the biggest concern in Florida with moderate and major flood level forecasts.

Only action stage and one flood stage rise expected in Central Florida around Tampa area. Please monitor forecasts as rain tapers off today and forecasts are updated.



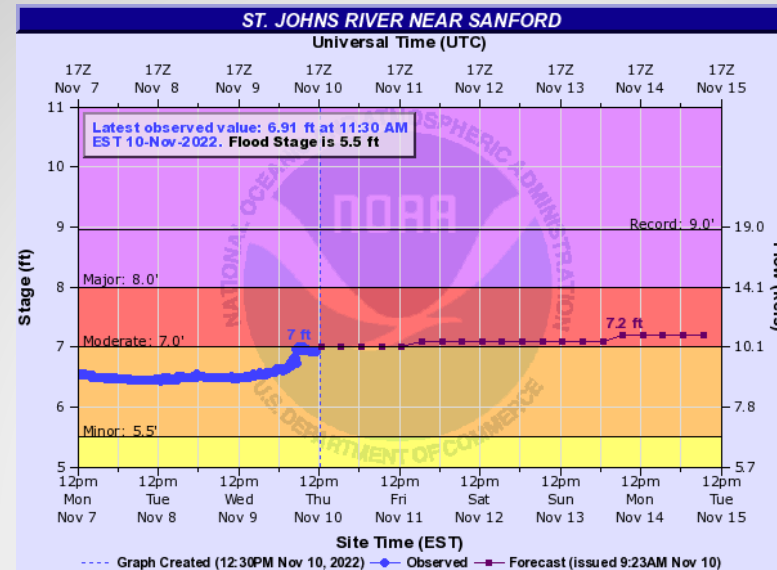
ASTF1(plotting HGIRG) "Gage 0" Datum: 0'

Observations courtesy of US Geological Survey



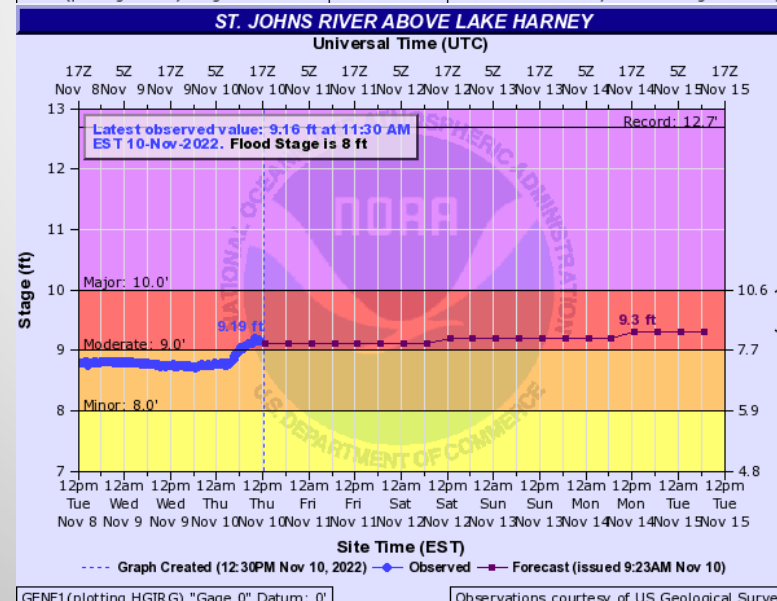
DLAF1(plotting HGIRG) "Gage 0" Datum: -0.09'

Observations courtesy of US Geological Survey



SNFF1(plotting HGIRG) "Gage 0" Datum: 0'

Observations courtesy of US Geological Survey



GENF1(plotting HGIRG) "Gage 0" Datum: 0'

Observations courtesy of US Geological Survey

Here are the forecasts for the St. Johns river.

Strong north and easterly winds pushed St. Johns river levels up very quickly this morning. As winds turn and come more from the south later this morning and afternoon, rivers levels should decrease, or just level off going forward.

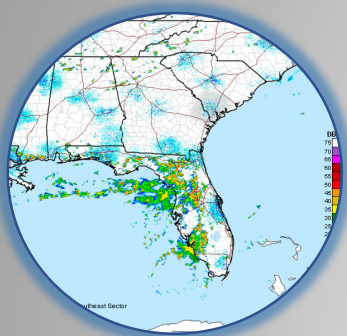
Expect adjustments to the forecasts in the coming days.



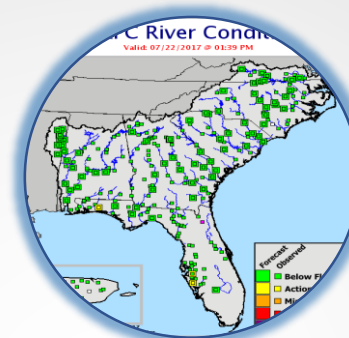
- SERFC will continue in 24 hour operations and continue until further notice.
- The Decision Support Briefing will continue until further notice.

Latest River Stages and Forecasts
are available...click here!

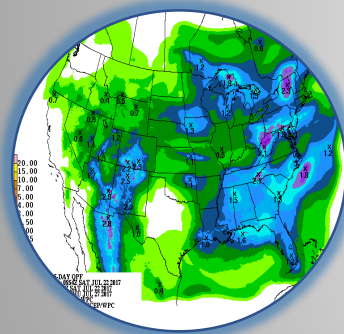
Please send all operational correspondence to
sr-alr.rivers@noaa.gov or call the office directly.



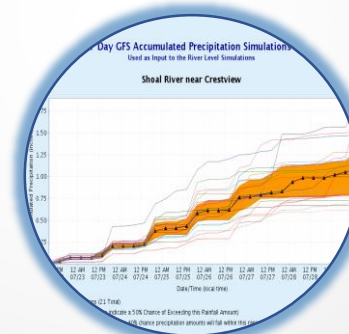
[Latest Radar](#)



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[Latest Forecast Rainfall](#)



[MMEFS – Ensemble River Forecasts](#)



- *The Decision Support Briefing will continue tomorrow and update you on current conditions and changes to the forecast.*
- *These slides are intended for your use. Please feel free to share these with others. If you have any questions please email sr-alr.rivers@noaa.gov or contact your local NWS Weather Forecast Office.*
- *Remember: SERFC briefings cover freshwater flooding. For information on coastal and tidal flooding, flash floods, winds, and severe weather risks, please contact your local Weather Forecast Office.*